

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040447.D
 Acq On : 02 Oct 2020 02:06
 Operator : SY/MD
 Sample : L4209-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JLWTO

Quant Time: Oct 02 05:30:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 05:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133829	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131107	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59489	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.79	65	43	0.01	ug/L	0.19
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.20%#
7) Chloroethane-d5	1.92	69	26823	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.58	63	669	0.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.80%#
20) 2-Butanone-d5	4.66	46	186881	56.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.56%
24) Chloroform-d	5.08	84	76618	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	48375	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.75	84	130654	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.70	67	49959	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.91	98	179	0.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.20%#
43) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.00%#
46) 2-Hexanone-d5	8.64	63	128221	55.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.80%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48827	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	50095	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

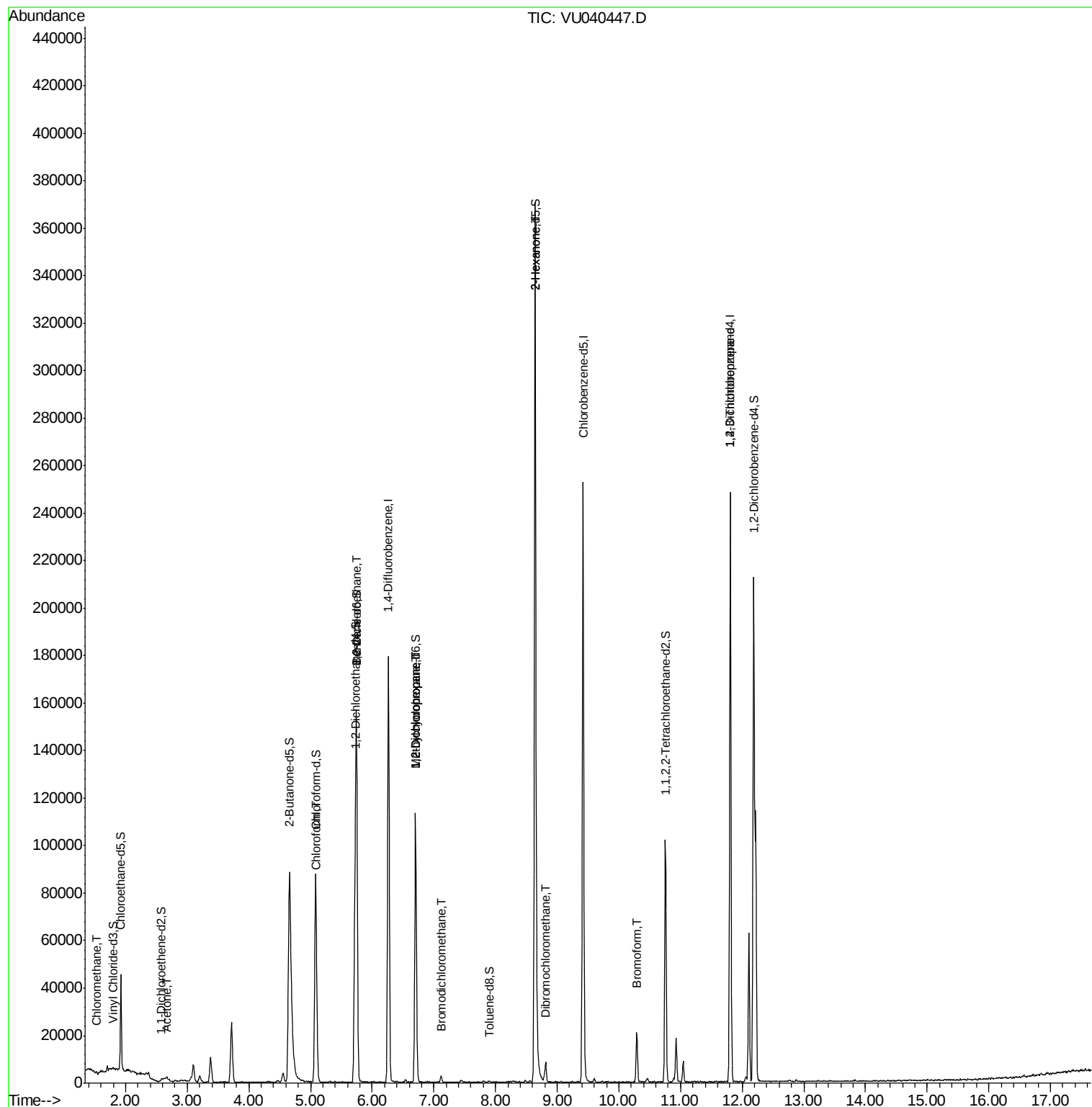
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	619	0.047	ug/L #	66
13) Acetone	2.67	43	2704	0.986	ug/L	52
25) Chloroform	5.10	83	3024	0.137	ug/L	90
27) 1,2-Dichloroethane	5.75	62	761	0.050	ug/L #	74
35) Methylcyclohexane	6.70	83	11434	0.668	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	5749	0.470	ug/L #	88
38) Bromodichloromethane	7.12	83	1729	0.114	ug/L #	94
48) 2-Hexanone	8.64	43	17186	2.433	ug/L #	73
49) Dibromochloromethane	8.81	129	3947	0.395	ug/L	97
59) 1,2,3-Trichloropropane	11.81	75	8375	0.944	ug/L	96
61) Bromoform	10.29	173	8988	1.828	ug/L	94

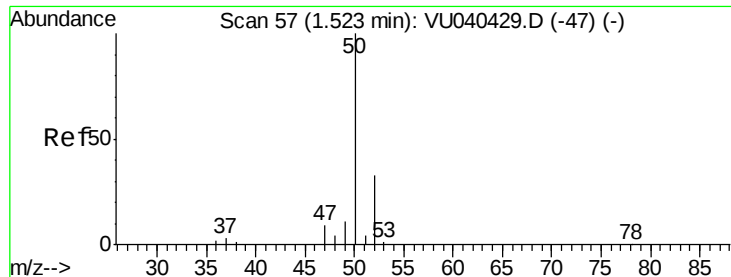
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 02 05:30:44 2020
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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 05:20:15 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.047 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040447.D

Acq: 02 Oct 2020 02:06

Instrument :

MSVOA_U

ClientSampled :

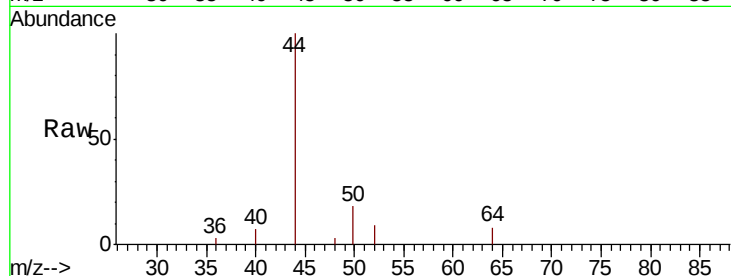
JLWT0

Tot Ion: 50 Resp: 619

Ion Ratio Lower Upper

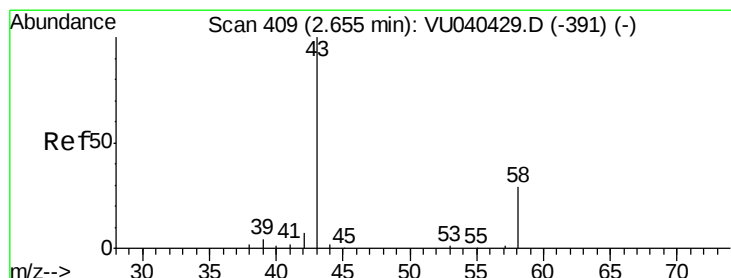
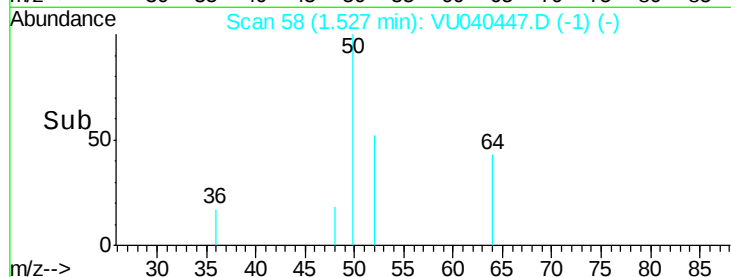
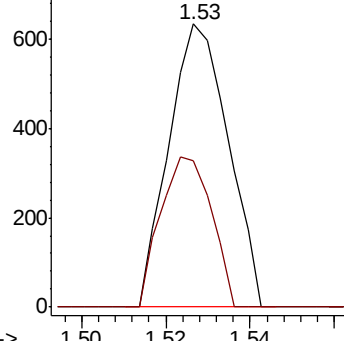
50 100

52 52.0 23.0 42.6#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 0.986 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.02 min

Lab File: VU040447.D

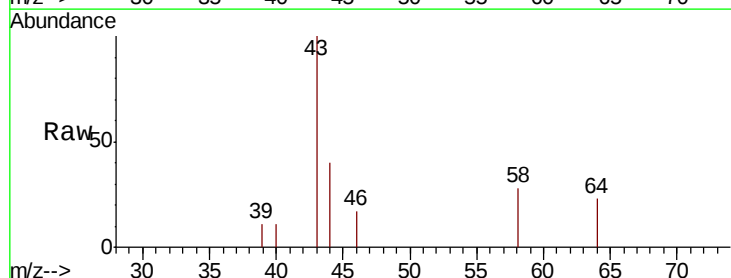
Acq: 02 Oct 2020 02:06

Tgt Ion: 43 Resp: 2704

Ion Ratio Lower Upper

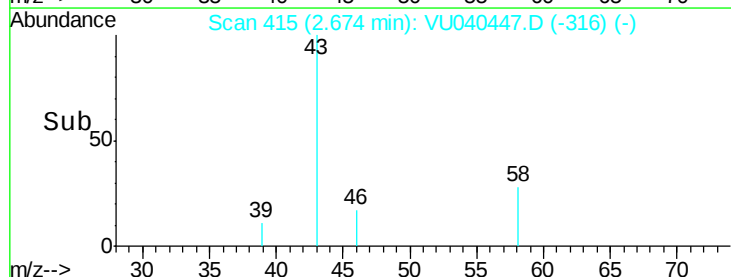
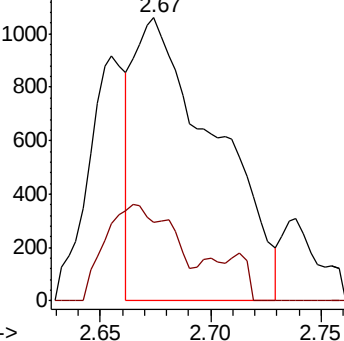
43 100

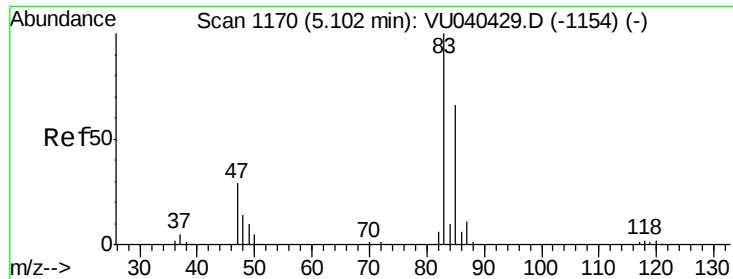
58 4.3 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

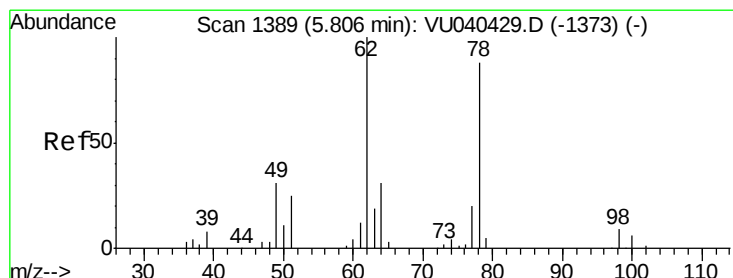
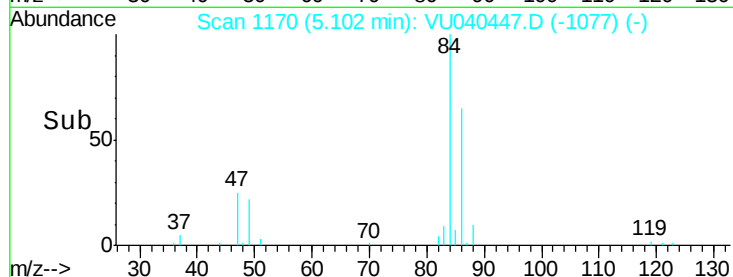
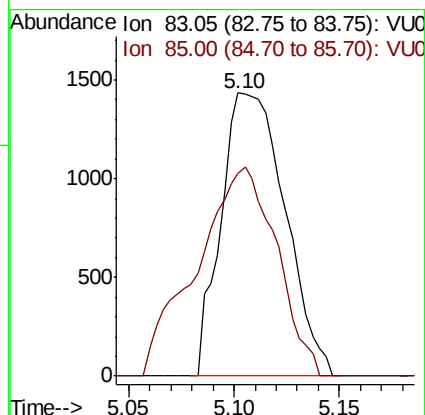
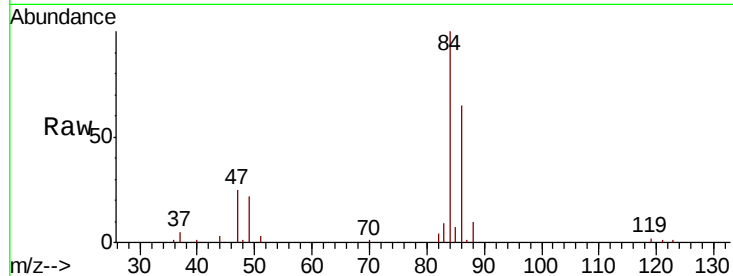




#25
Chloroform
Concen: 0.137 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. 0.00 min
Lab File: VU040447.D
Acq: 02 Oct 2020 02:06

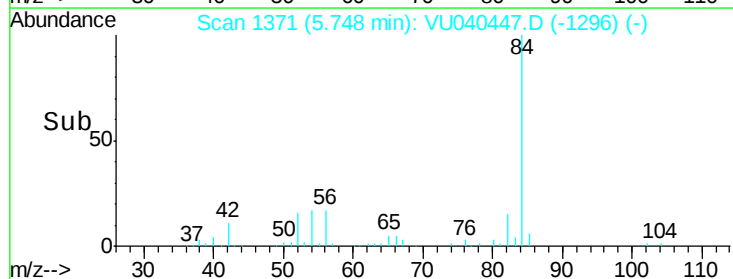
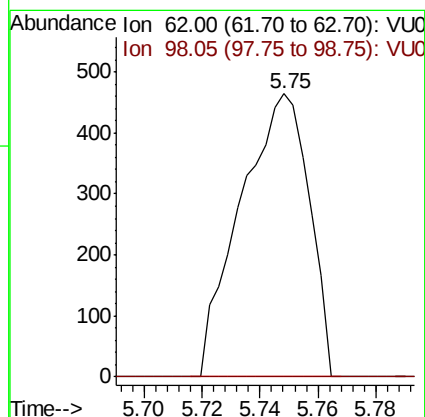
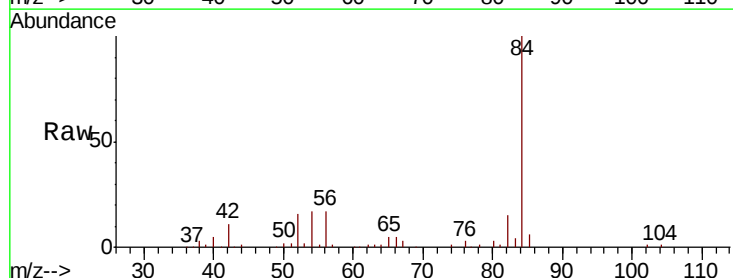
Instrument :
MSVOA_U
ClientSampleId :
JLWTO

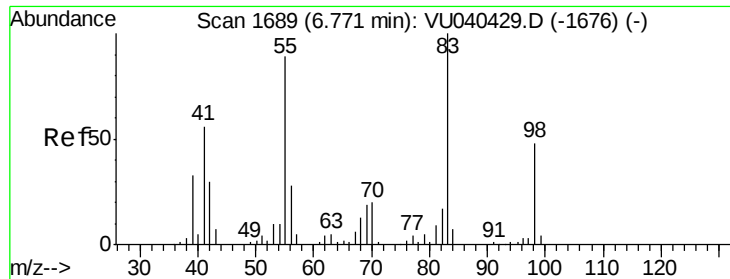
Tot Ion: 83 Resp: 3024
Ion Ratio Lower Upper
83 100
85 71.5 44.6 82.8



#27
1,2-Dichloroethane
Concen: 0.050 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU040447.D
Acq: 02 Oct 2020 02:06

Tgt Ion: 62 Resp: 761
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#

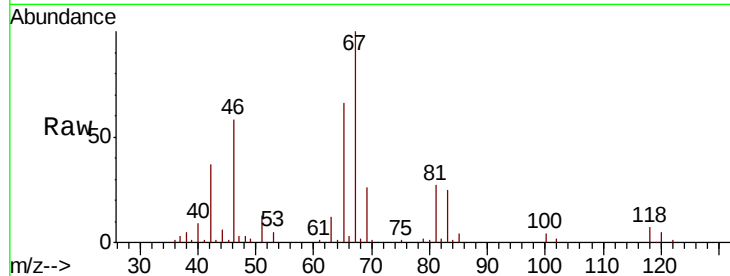




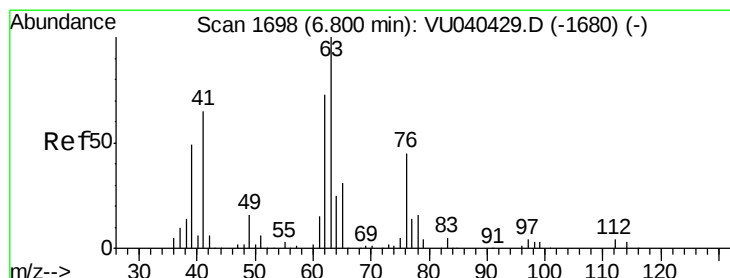
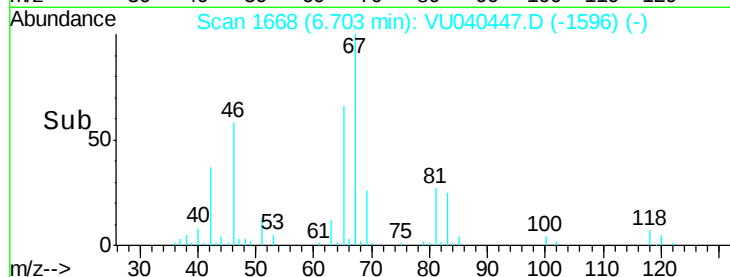
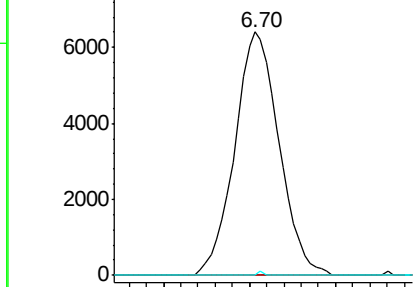
#35
Methvlcvclohexane
Concen: 0.668 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040447.D
Acq: 02 Oct 2020 02:06

Instrument :
MSVOA_U
ClientSampleId :
JLWT0

Tot Ion: 83 Resp: 11434
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.2 38.5 57.7#

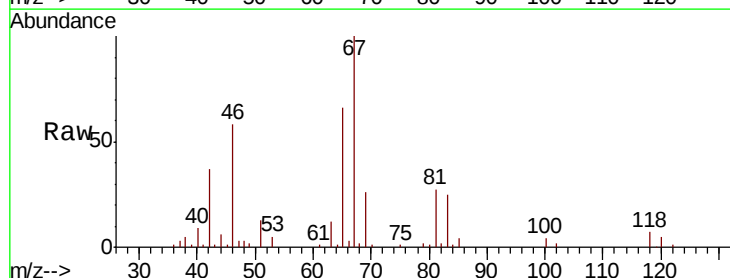


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

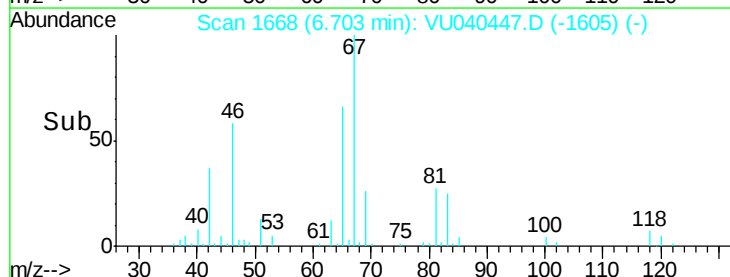
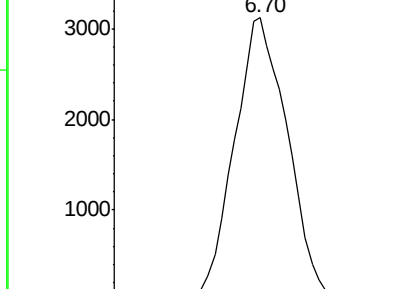


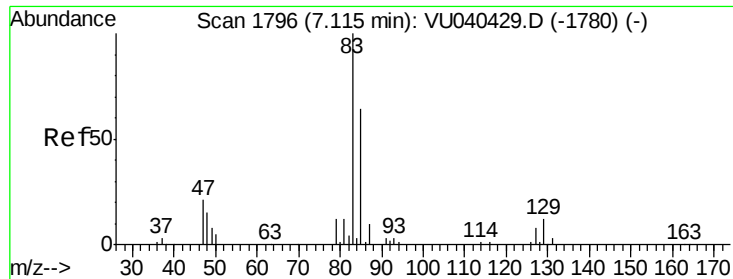
#37
1,2-Dichloropropane
Concen: 0.470 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040447.D
Acq: 02 Oct 2020 02:06

Tgt Ion: 63 Resp: 5749
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

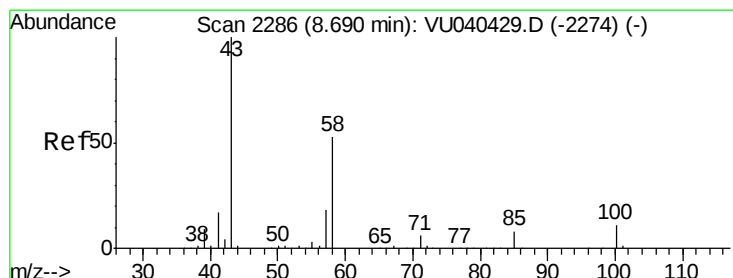
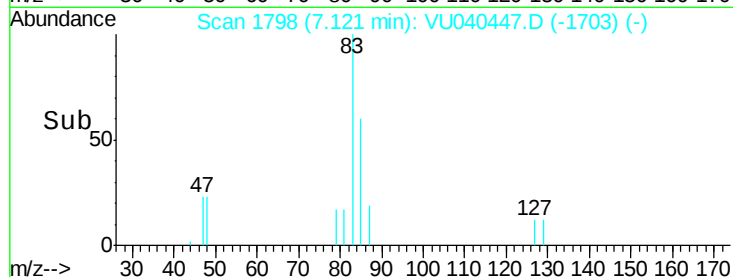
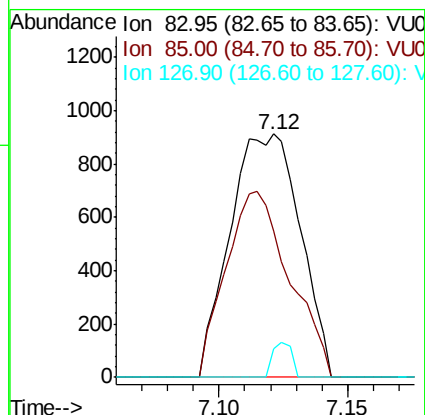
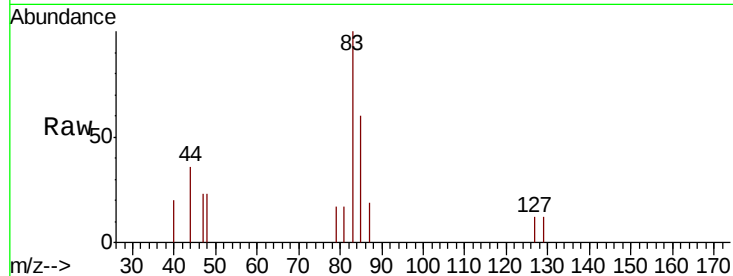




#38
 Bromodichloromethane
 Concen: 0.114 ug/L
 RT: 7.12 min Scan# 1798
 Delta R.T. 0.01 min
 Lab File: VU040447.D
 Acq: 02 Oct 2020 02:06

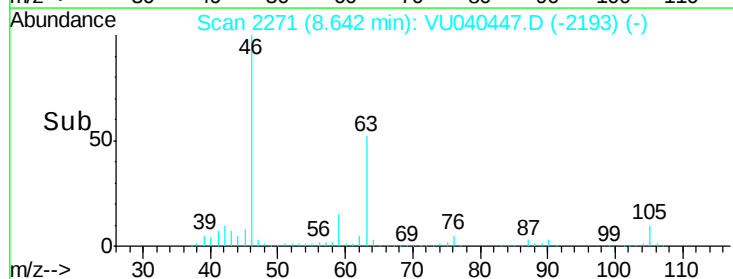
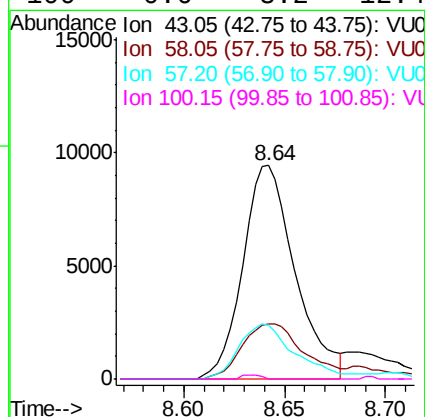
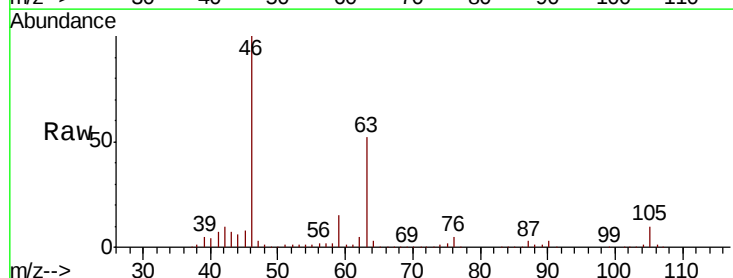
Instrument :
 MSVOA_U
 ClientSampleId :
 JLWT0

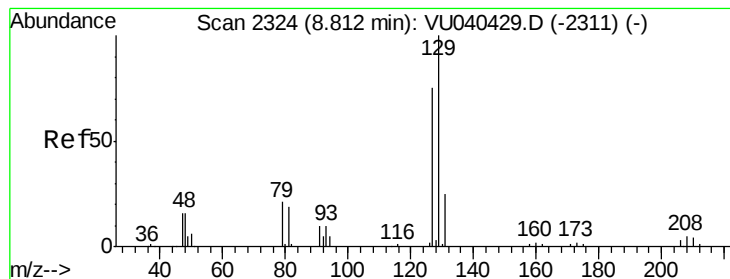
Tot Ion: 83 Resp: 1729
 Ion Ratio Lower Upper
 83 100
 85 60.1 45.1 83.9
 127 11.9 6.6 9.8#



#48
 2-Hexanone
 Concen: 2.433 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU040447.D
 Acq: 02 Oct 2020 02:06

Tgt Ion: 43 Resp: 17186
 Ion Ratio Lower Upper
 43 100
 58 30.8 41.0 61.4#
 57 27.2 14.6 22.0#
 100 0.6 8.2 12.4#





#49

Dibromochloromethane

Concen: 0.395 ug/L

RT: 8.81 min Scan# 2324

Delta R.T. 0.00 min

Lab File: VU040447.D

Acq: 02 Oct 2020 02:06

Instrument :

MSVOA_U

ClientSampled :

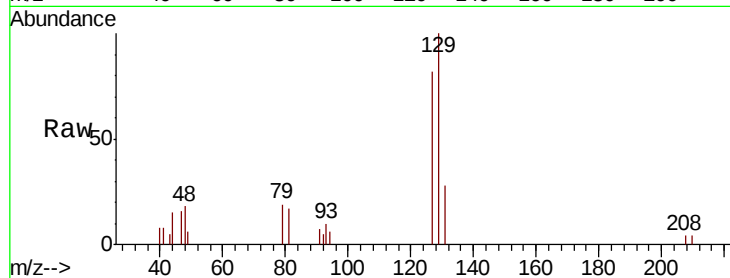
JLWTO

Tot Ion:129 Resp: 3947

Ion Ratio Lower Upper

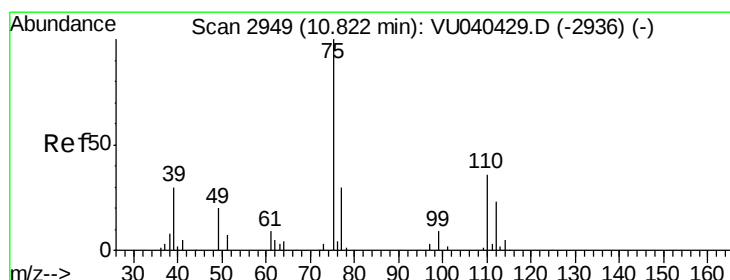
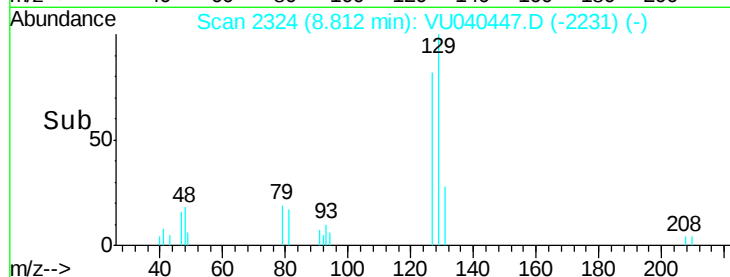
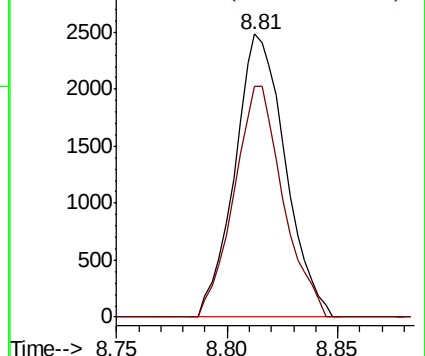
129 100

127 81.8 55.4 103.0



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.944 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040447.D

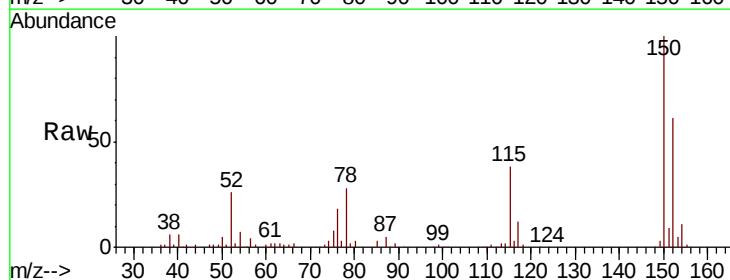
Acq: 02 Oct 2020 02:06

Tgt Ion: 75 Resp: 8375

Ion Ratio Lower Upper

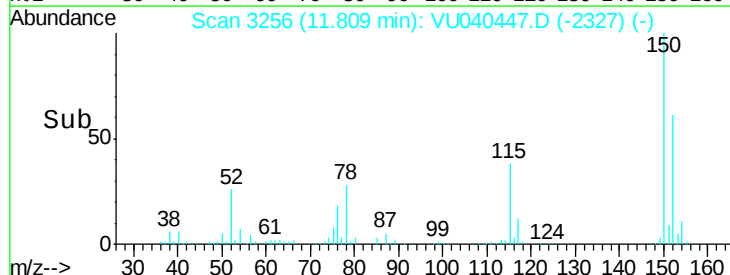
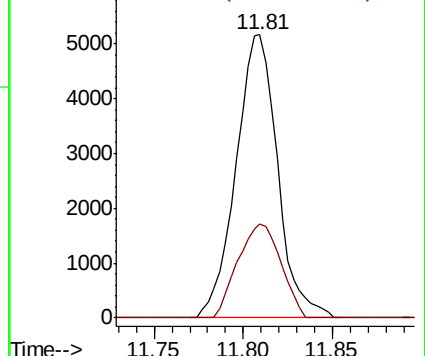
75 100

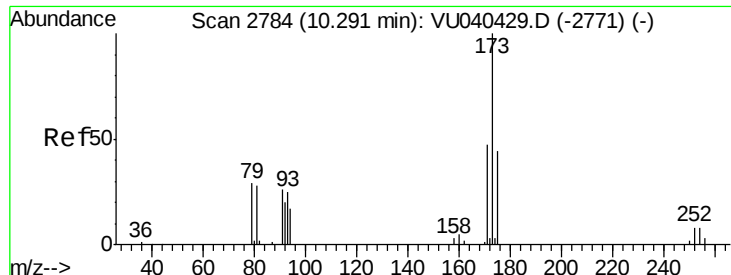
77 34.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#61

Bromoform

Concen: 1.828 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU040447.D

Acq: 02 Oct 2020 02:06

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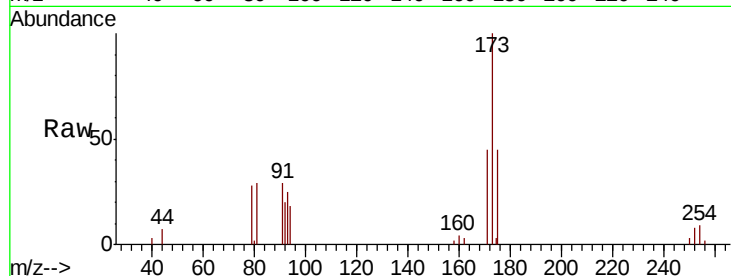
Tot Ion:173 Resp: 8988

Ion Ratio Lower Upper

173 100

175 45.2 39.6 59.4

254 7.9 7.0 10.4



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

